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To: CHRISTOPHER KOHARSKI

Location: RND-6D74

Art Unit: 3763

Thursday, January 15, 2009

Case Serial Number: 10/614543

From: TERRENCE SOLOMON

Location: EIC3700

RND-8B31

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Search Notes

US patent 6254574 is not involved in any current or past litigated cases.

Sources:

- Lexis/Nexis
- Courtlink
- Questel-Orbit

360877 (09) 6254574 July 3, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6254574

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July 3, 2001

Self-blunting needle medical devices and methods of manufacture thereof

REISSUE: July 3, 2003 - Reissue Application filed Ex. Gp.: 3763; Re. S.N. 10/614,543 (O.G. May 3, 2005)

APPL-NO: 360877 (09)

FILED-DATE: July 23, 1999

GRANTED-DATE: July 3, 2001

ASSIGNEE-PRE-ISSUE: October 29, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., BIO-PLEXUS, INC., A CORPORATION OF CONNECTICUT 129 RESERVOIR ROADVERNON, CONNECTICUT, 06066, Reel and Frame Number: 010341/0802

ASSIGNEE-AT-ISSUE: Bio-Plexus, Inc., Vernon, Connecticut, United States (US), United States company or corporation (02)


ASSIGNEE-AFTER-ISSUE: August 19, 2002 - SECURITY AGREEMENT, COMVEST VENTURE PARTNERS, L.P., AS ADMINISTRATIVE AGENT C/O COMMONWEALTH ASSOCIATES 830 THIRD AVENUE, 4TH FL. NEW YORK, NEW YORK, 10022, Reel and Frame Number: 013203/0360

November 6, 2002 - MERGER (SEE DOCUMENT FOR DETAILS)., BIO-PLEXUS DELAWARE, INC., A CORPORATION OF THE STATE OF DELAWARE AND HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 129 RESERVOIR ROADVERNON, CONNECTICUT, 06066, Reel and Frame Number: 013463/0240

June 21, 2007 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., ICU MEDICAL SALES, INC. 951 CALLE AMANECER SAN CLEMENTE CALIFORNIA 92673, Reel and Frame Number: 019477/0033

LEGAL-REP: Libert & Associates; Spaeth, Frederick A.

CORE TERMS: needle, cannula, blunting, aperture, hub, external, through-bore, gate, tip, ferrule ...

Source: [Legal > / ... / > Utility, Design and Plant Patents](#) 

Terms: **patno=6254574** ([Edit Search](#) | [Suggest Terms for My Search](#))

View: **Custom**

Segments: Assignee, Cert-correction, Legal-rep, Legal-status, Lit-reex, Opposition, Patno, Reexam-cert, Reexam-litigate, Reissue, Reissue-comment, Title

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Patent Search 6,254,574 1/15/2009

No cases found.

Selected file: PLUSPAT
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**** SS 1: Results 1**
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - ©Questel - image

Patent Number :

US6254574 B1 20010703 [US6254574]

Title :

(B1) Self-blunting needle medical devices and methods of manufacture thereof

Patent Assignee :

(B1) BIO PLEXUS INC (US)

Patent Assignee :

Bio-Plexus, Inc., Vernon CT [US]

Inventor(s) :

(B1) BURZYNSKI MARK J (US); JONES ALEXANDER K (US); KEARNS RICHARD S (US); POLIDORO JOHN M (US); SAHI CARL R (US); SMUTNEY CHAD C (US)

Application Nbr :

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Priority Details :

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US77200296 19961219 [1996US-0772002]

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A61M-005/32 [2006-01 A F I R M JP]; A61M-005/158 [2006-01 A L I R M JP];

A61M-025/06 [2006-01 A - I R M EP]

IPC Core All :

A61M-005/32 [2006 C F I R M JP]; A61M-005/14 [2006 C L I R M JP];

A61M-025/06 [2006 C - I R M EP]

EPO ECLA Class :

A61M-025/06E3

EPO ICO Class :

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K61M-005/32C2H

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ORIGINAL (O) : 604170010; CROSS-REFERENCE (X) : 604506000

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Corresponding document

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US1527291 [US1527291]

-US3491756 [US3491756]

-US3536073 [US3536073]

-US3585996 [US3585996] 604158000

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-US4529399 [US4529399] 604510000

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 -US4828547 [US4828547] 604164060
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 -US4869717 [US4869717] 604506000
 -US4880410 [US4880410] 604110000
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 -US5205829 [US5205829]
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 -US5562629 [US5562629] 604158000
 -US5569202 [US5569202] 604110000
 -US5573510 [US5573510] 604158000
 -US5836916 [US5836916] 604158000
 -US5871470 [US5871470] 604158000

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

A self-blunting needle medical device comprises a needle cannula (18) fixed to a hub (20) having a receiving structure therein such as ferrule (22) and a movable blunting member (14) movably received within the cannula (18). Ferrule (22) defines a passage (38) extending therethrough, within which both the cannula (18) and the movable member (14) can be received and which establishes a coaxial relationship between them. The ferrule (22) defines a first guide surface (40) for directing the blunting end (14a) of the movable member (14) into the central bore of the cannula (18) during assembly. A second guide surface (42) performs the function of guiding the mounting end (18b) of the cannula (18) into ferrule (22) for mounting therein. Typically, the cannula (18) has a tissue puncture tip (18a). When the movable member (14) is retracted into the cannula (18), the puncture tip (18a) is exposed for use, e.g., injection into tissue. The movable member (14) is then moved to an extended position in which blunting end (14a) projects beyond the puncture tip (18a), to render the device safe with regard to subsequent accidental needle sticks. Methods of assembling the self-blunting needle are also presented. In various embodiments, the guide member may be integral with the assembled device or may be defined by a guide member that is used only in the assembly process and from which the assembled device may be removed.

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Patent Number :

US6254574 B1 20010703 [US6254574] (B1) Granted patent as first publication

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US6254574 B1 20010703 [US6254574]
Action Taken :
19991029 US/AS-A [NMC]
ASSIGNMENT
OWNER: BIO-PLEXUS, INC., A CORPORATION OF CONNECTICUT 129
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:BURZYNSKI, MARK J.;JONES,
ALEXANDER K.;KEARNS, RICHARD S.;AND
OTHERS;REEL/FRAME:010341/0802;SIGNING DATES FROM 19990913 TO 19991014

20020819 US/AS-A [NMC]
ASSIGNMENT
OWNER: COMVEST VENTURE PARTNERS, L.P., AS ADMINISTRATIVE; EFFECTIVE
DATE: 20020618
SECURITY AGREEMENT;ASSIGNOR:BIO-PLEXUS, INC. /AR;REEL/FRAME:013203/0360

20021106 US/AS-A [NMC]
ASSIGNMENT
OWNER: BIO-PLEXUS DELAWARE, INC., A CORPORATION OF THE ST; EFFECTIVE
DATE: 20010718
MERGER;ASSIGNOR:BIO-PEXUS, INC.;REEL/FRAME:013463/0240

20021106 US/AS-A [NMC]
ASSIGNMENT
OWNER: BIO-PLEXUS DELAWARE, INC., A CORPORATION OF THE ST; EFFECTIVE
DATE: 20010718
MERGER;ASSIGNOR:BIO-PEXUS, INC. /AR;REEL/FRAME:013463/0240

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REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030703

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ASSIGNMENT
OWNER: ICU MEDICAL SALES, INC., CALIFORNIA; EFFECTIVE DATE: 20021113
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:BIO-PLEXUS MERGER
CORP.;REEL/FRAME:019477/0033
Lasted Event Group :
NMC
Alive
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2008-07

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

6,254,574 A 20010703 [US6254574]

Patent Assignee :

Bio Plexus Inc

Actions :

20020819 REASSIGNED
SECURITY AGREEMENT

Assignor: BIO-PLEXUS, INC., DATE SIGNED: 06/18/2002

Assignee: COMVEST VENTURE PARTNERS, L.P., AS ADMINISTRATIVE AGENT, C/O

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Reel 013203/Frame 0360

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20021106 REASSIGNED
MERGER

Assignor: BIO-PEXUS, INC., DATE SIGNED: 07/18/2001

Assignee: BIO-PLEXUS DELAWARE, INC., A CORPORATION OF THE STATE OF
DELAWARE AND HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, 129 RESERVOIR
ROAD, VERNON, CONNECTICUT, 06066

Reel 013463/Frame 0240

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P.O. BOX 538, SIMSBURY, CT 06070-0538

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REISSUE REQUEST NUMBER: 10/614543
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3763

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ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: BIO-PLEXUS MERGER CORP., DATE SIGNED: 11/13/2002

Assignee: ICU MEDICAL SALES, INC., 951 CALLE AMANECER, SAN CLEMENTE,
CALIFORNIA, 92673

Reel 019477/Frame 0033

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Session finished: 15 JAN 2009 Time 15:10:37
QUESTEL.ORBIT thanks you. Hope to hear from you again soon.